

Coaxial Switches

FPMS8S

DC~26.5GHz, SP7T~SP8T

Features:

- Low VSWR
- Low Insertion Loss
- High Isolation

Applications:

- Wireless
- Transmitter
- Laboratory Test
- Radar

Electrical

Frequency DC~26.5GHz

Impedance 50Ω

Frequency range (GHz)	Insertion Loss (dB Max.)	Isolation (dB Max.)	VSWR (Max.)
DC~6	0.3	70	1.3
6~12	0.4	60	1.4
12~18	0.5	55	1.5
18~26.5	0.7	50	1.7

Voltage ^[1] (V)	+12	+24	+28
Current (mA)	300	150	140
Normally Open			

[1] The voltage can be selected according to user requirements.

Mechanical

Size^[2] 41 x 41 x 46.5mm
1.614 x 1.614 x 1.831in

Switching Sequence Break before Make

Switching Time 15mS max.

Operation Life 2M Cycles

Vibration (operating) 20-2000Hz, 10G RMS

Mechanical Shock (non-operating) 30G, 1/2sine, 11mS

RF Connectors SMA Female

Power Supply & Control Interface D-Sub 15/26 Male

Connectors

Mounting 4- Φ4.1mm through hole

[2] Exclude connectors.

Environmental

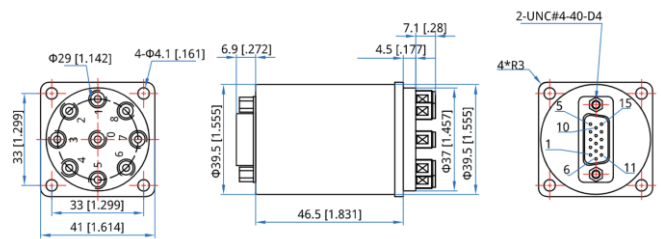
Temperature -25~+65°C

Extended Temperature -45~+85°C

Temperature

Pin Numbering

Outline Drawings



Note(s)

Unit: mm [in]

Tolerance: ±0.5mm [±0.2in]

Additional Options

TTL: T

Indicators: I

Extended Temperature: Z

Positive Common

Waterproof Sealing Type

Driving Schematic Diagram

Normally Open

Pin	Function	Pin	Function
1~8	V1~V8	18	Indicator (COM)
9	COM	19	VDC
10~17	Indicator (1~8)	20~26	NC

Normally Open & TTL

Pin	Function	Pin	Function
1~8	A1~A8	11~18	Indicator (1~8)
9	VDC	19	Indicator (COM)
10	COM	20~26	NC

